

INTERNATIONAL SEARCH REPORT

Rec'd PCT/IB 03/04781
International Application No.
PCT/IB 03/04781A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H03K3/0233

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 994 692 A (WOLKE ALAN E) 19 February 1991 (1991-02-19) abstract; figure 1	1-8
A	the whole document	11
X	WO 00/45507 A (NORTEL NETWORKS CORP) 3 August 2000 (2000-08-03) page 4, line 25 - page 5, line 16; figure 1	1

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

29 January 2004

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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4994692	A	JP 3181220 A	07-08-1991
WO 0045507	A	US 6529564 B1	04-03-2003
		CA 2343033 A1	03-08-2000
		WO 0045507 A1	03-08-2000
		DE 69910440 D1	18-09-2003
		EP 1145426 A1	17-10-2001
		JP 2002536860 T	29-10-2002